

Patent Application  
NC 83,028

Remarks/Arguments

There is a total of 20 pending claims.

In reference to the office action, the specification has been checked for possible errors but it appears to be fine.

In reference to claim 15, the informality has been removed.

Claim 3 has been rejected under the second paragraph of 35 USC 112 as being indefinite because the Examiner considers it to be vague and indefinite. It is believed that the problem has been overcome by deleting the second occurrence of "and" in line 2 of the claim.

Claims 1-10,13-15 and 17 were rejected under 35 USC 102 (b) as being anticipated by the Pankove reference. These claims are no longer by the Pankove reference due to the fact that claim 1, the only independent method claim, and claim 15, the only independent device claim, have electronic devices in the grown active material. Claims 1-10,12-15 and 17 were rejected under 35 USC 102(b) as being anticipated by the Davis reference. These claims are no longer anticipated because these contain at least one electronic device in the active material, which is contrary to the disclosures of the applied references.

Joint inventorship is hereby confirmed.

Claim 11,12,16 and 18-20 were rejected under 35 USC 103(a) as being unpatentable over the Pankove or the Davis references. The Pankove reference is totally irreverent to what is disclosed and claimed herein. The Davis reference teaches away from what is disclosed

Patent Application  
NC 83,028

and claimed herein by overgrowing the active material and providing the microelectronic devices in the overgrown material, as disclosed in this application as being prior art. None of the applied references teach reduction of defects by confined growth of the active material.

Allowance of claims 1-20 is hereby requested.

Respectfully submitted,

*George A. Kap*  
George A. Kap  
Attorney for Applicants  
Reg. No. 22,898  
Tel.: 202-404-1555

Fax Certification

I hereby certify that this paper is being faxed to the PTO on the date shown below:

12/20/05  
Date

*George A. Kap*  
George A. Kap